



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday June 1, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

- **Heavy rainfall and flash flooding today for AR/LA/E TX with isolated heavy rain/flash flooding possible across S&W TX and E NM/OK. Isolated heavy rain/flash flooding possible tomorrow for E AR/LA and SW TX.**
- **Isolated severe storms across various portions of all FEMA Region 6 states today and for E NM into W&S TX tomorrow.**
- **Heavy rain/flash flood potential for South into S-Central TX on Friday expanding into SE TX by Saturday.**

FEMA Region 6 Threat Matrix

Jun 1, 2021 - Jun 5, 2021



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	Across the Region	E NM, W&STX			
Heavy Rain / Flash Flooding	AR, LA, E TX	E AR/LA, SW TX		S/S-Central TX	S/S-Central/SE TX
	S&W TX, E NM/OK				
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	TX	TX	TX	TX	TX
	OK, AR, LA	OK, AR, LA	OK, AR, LA	OK, AR, LA	OK, AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



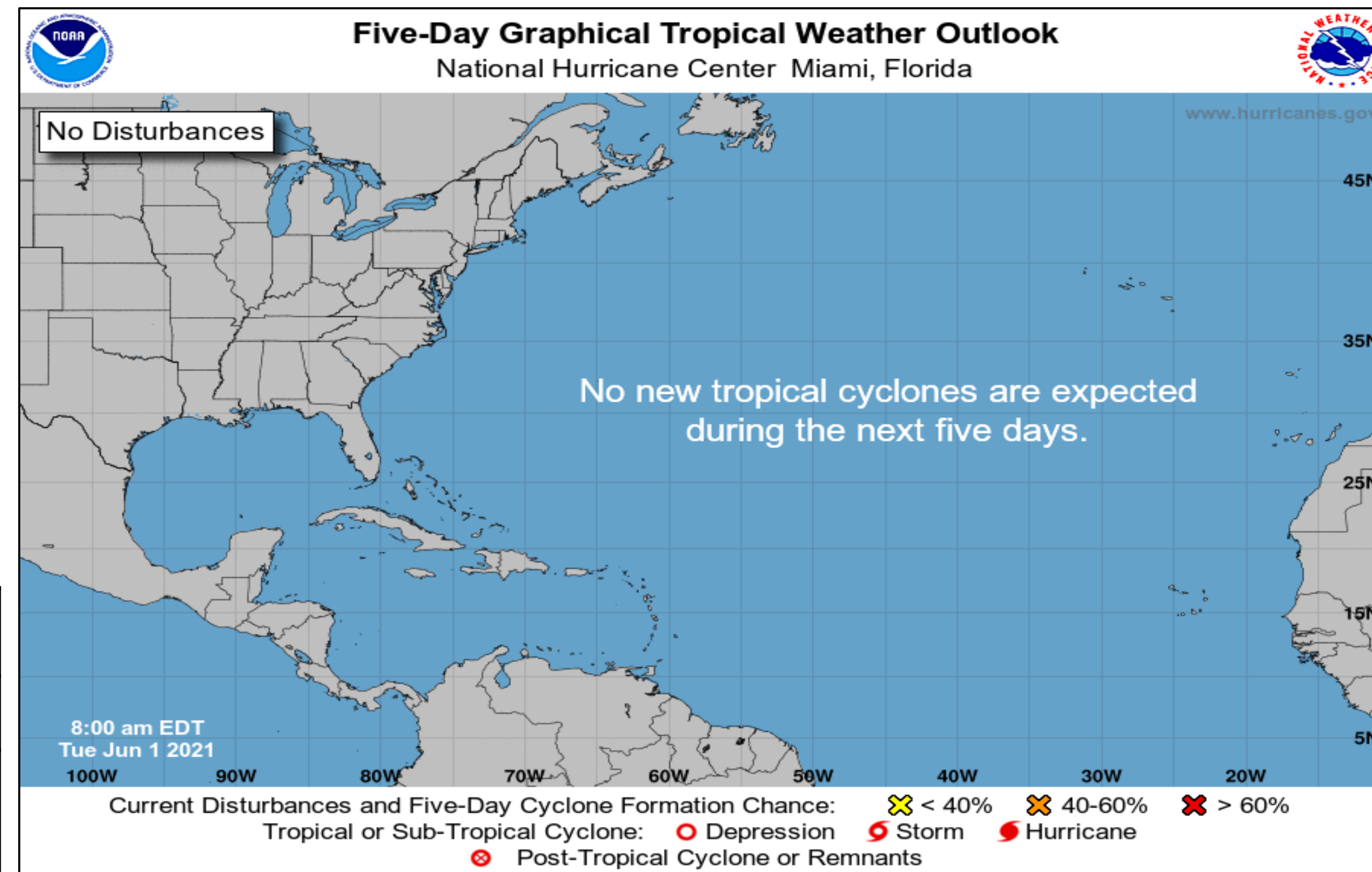
SR ROC
REGIONAL OPERATIONS CENTER

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

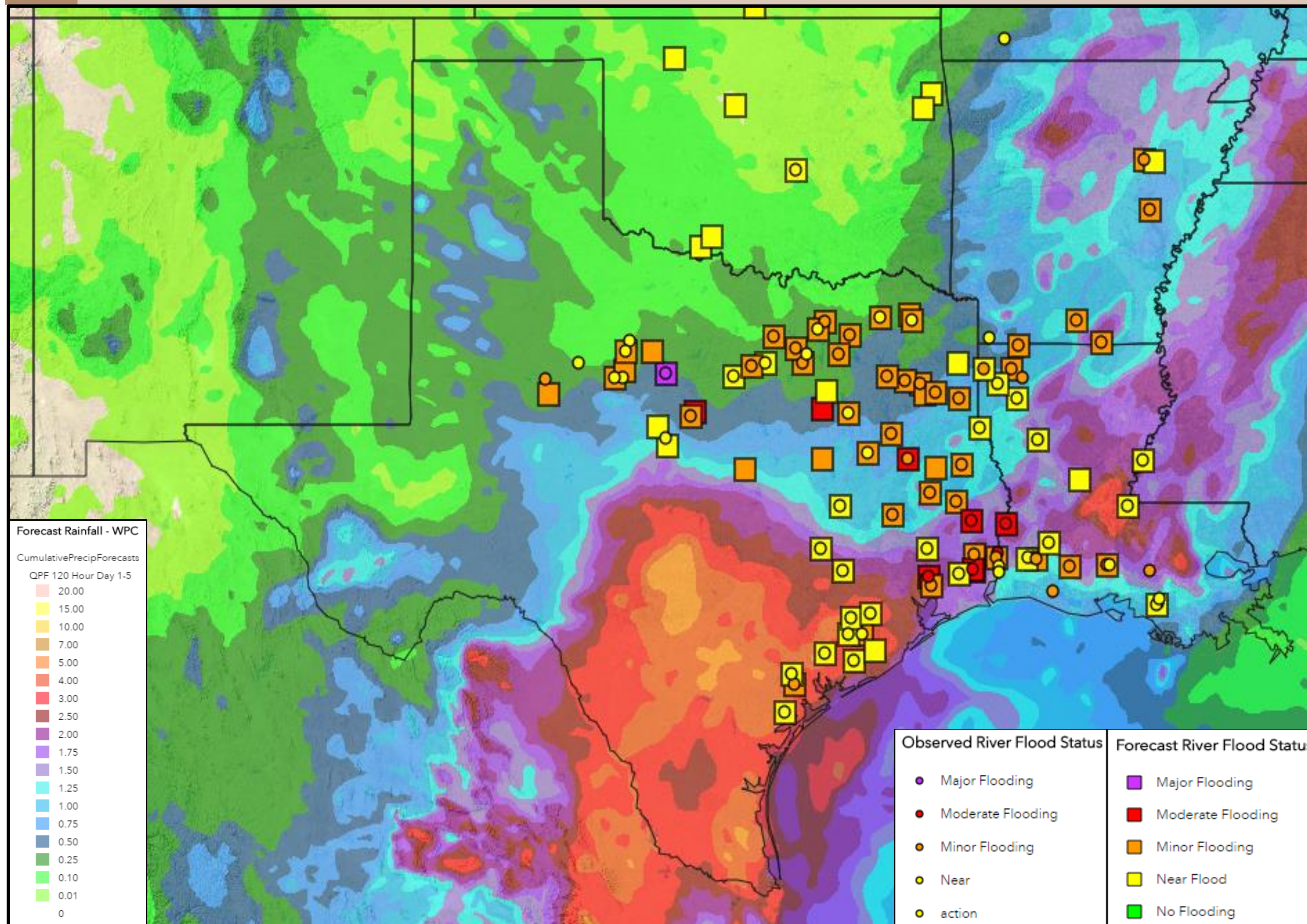


5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



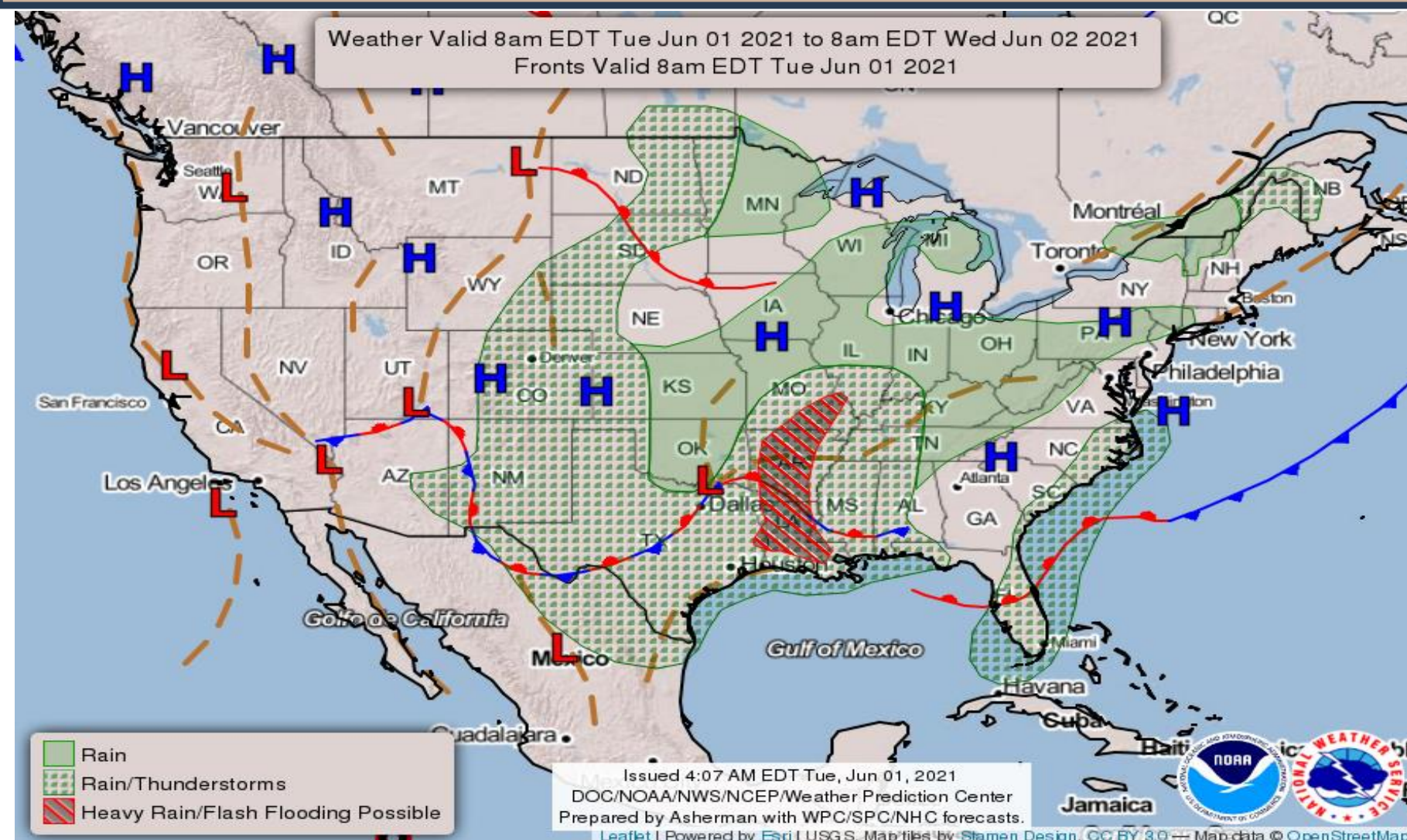
- The Trinity River at Liberty in SE TX will remain close to major flood stage through Wednesday; homes in several subdivisions above Liberty may flood.
- A few points on the Neches River in E/SE TX are in moderate flood
 - Near Town Bluff, flooding is expected in the Mont Neches, Barlow Lake, and Sheffield's Ferry communities.
 - Near Alto, expect moderate to severe flooding of the heavily wooded floodplain. Boat ramps and picnic areas will be completely inundated.
- Leon River near DeLeon in west-central TX will rise into moderate flood late today; flooding of farm/ranch lands and a few rural roads near the river.

Minor river flooding continues across AR and LA with flooding of agricultural, recreational areas and secondary roads.

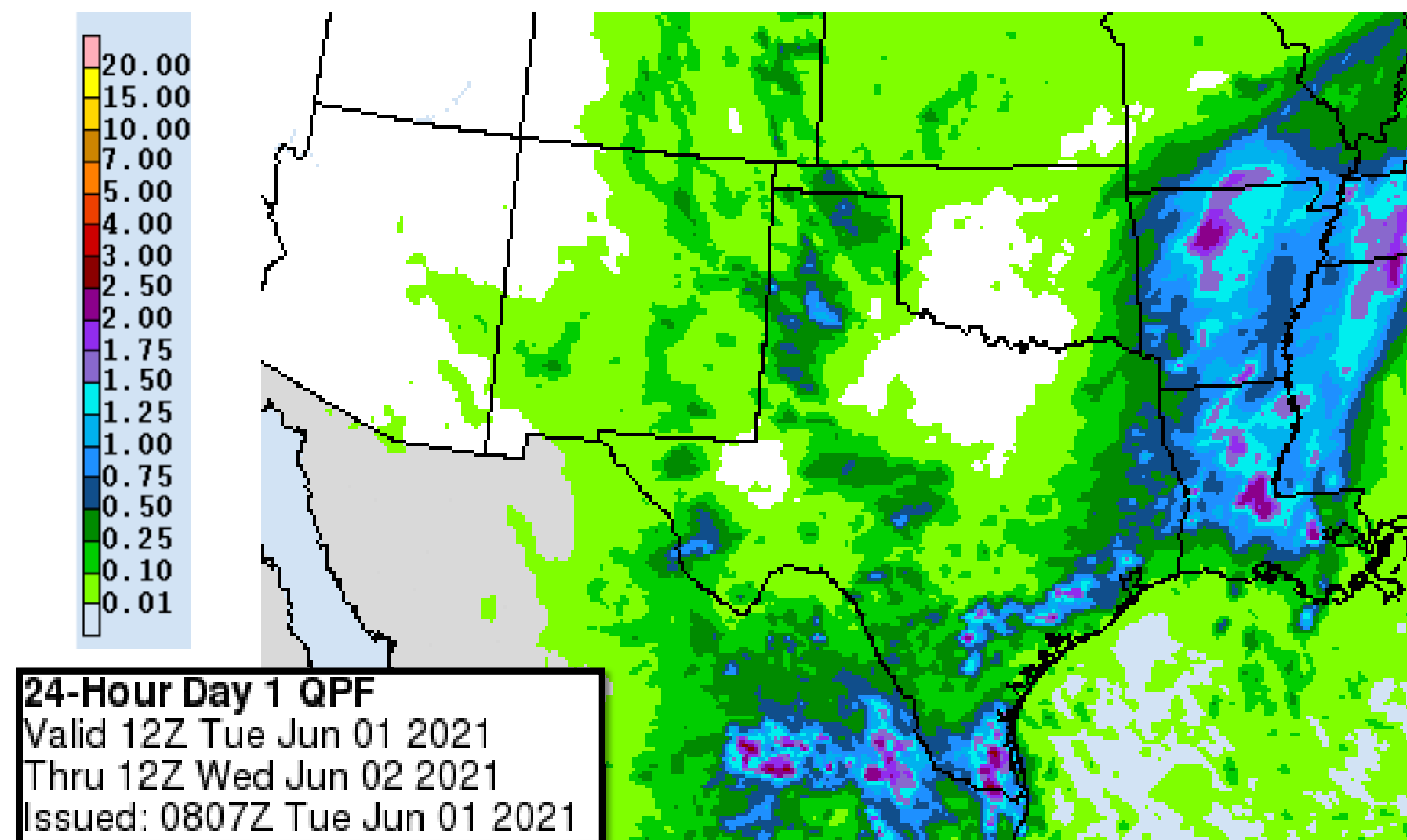
Forecast rainfall this week in TX may result in new river flooding. No additional flooding is expected in AR or LA.

Today's Weather

Forecast Chart



Forecast Rainfall

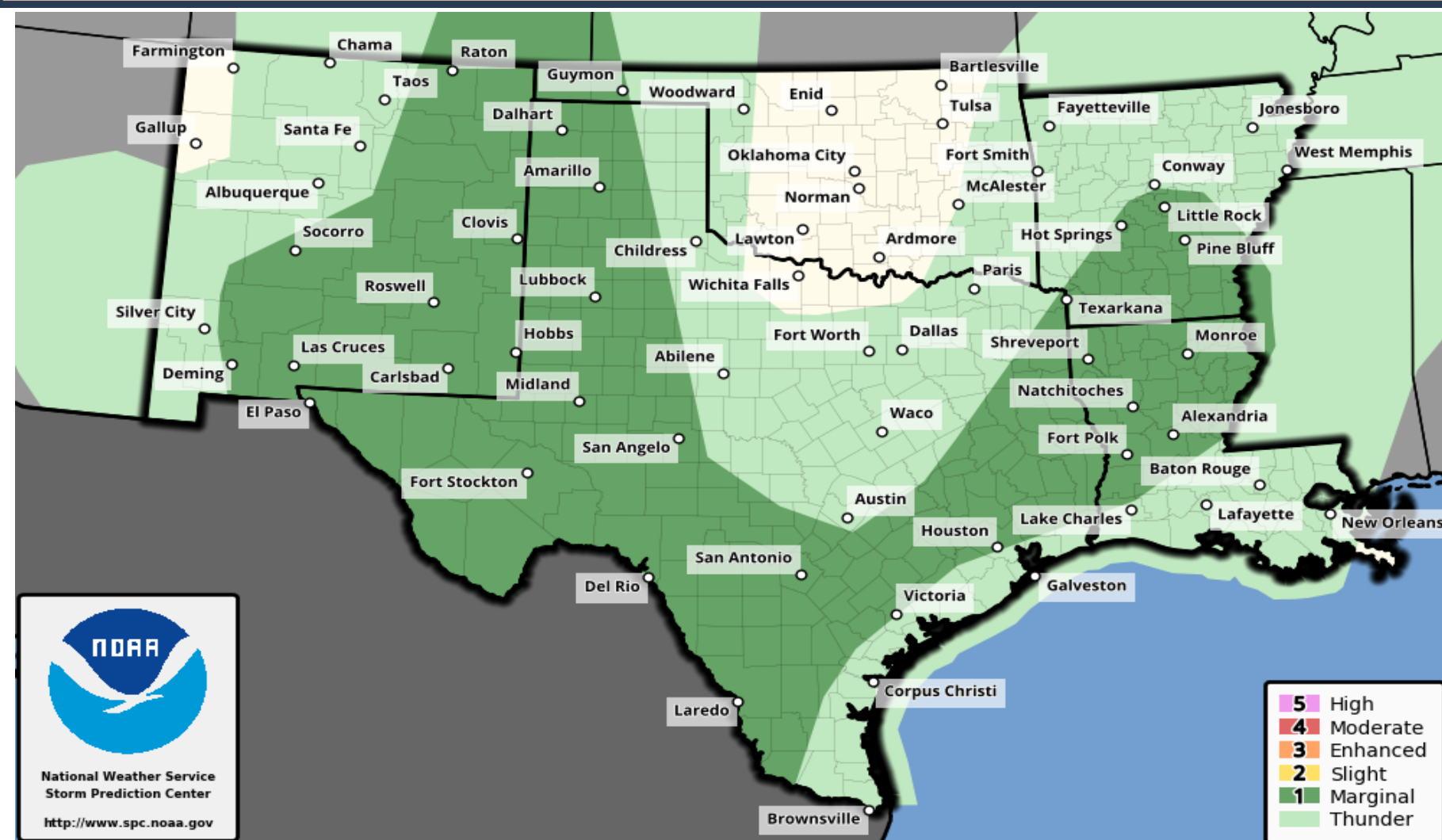


**Heavy rain/flash flooding
across AR, LA, and E TX.**

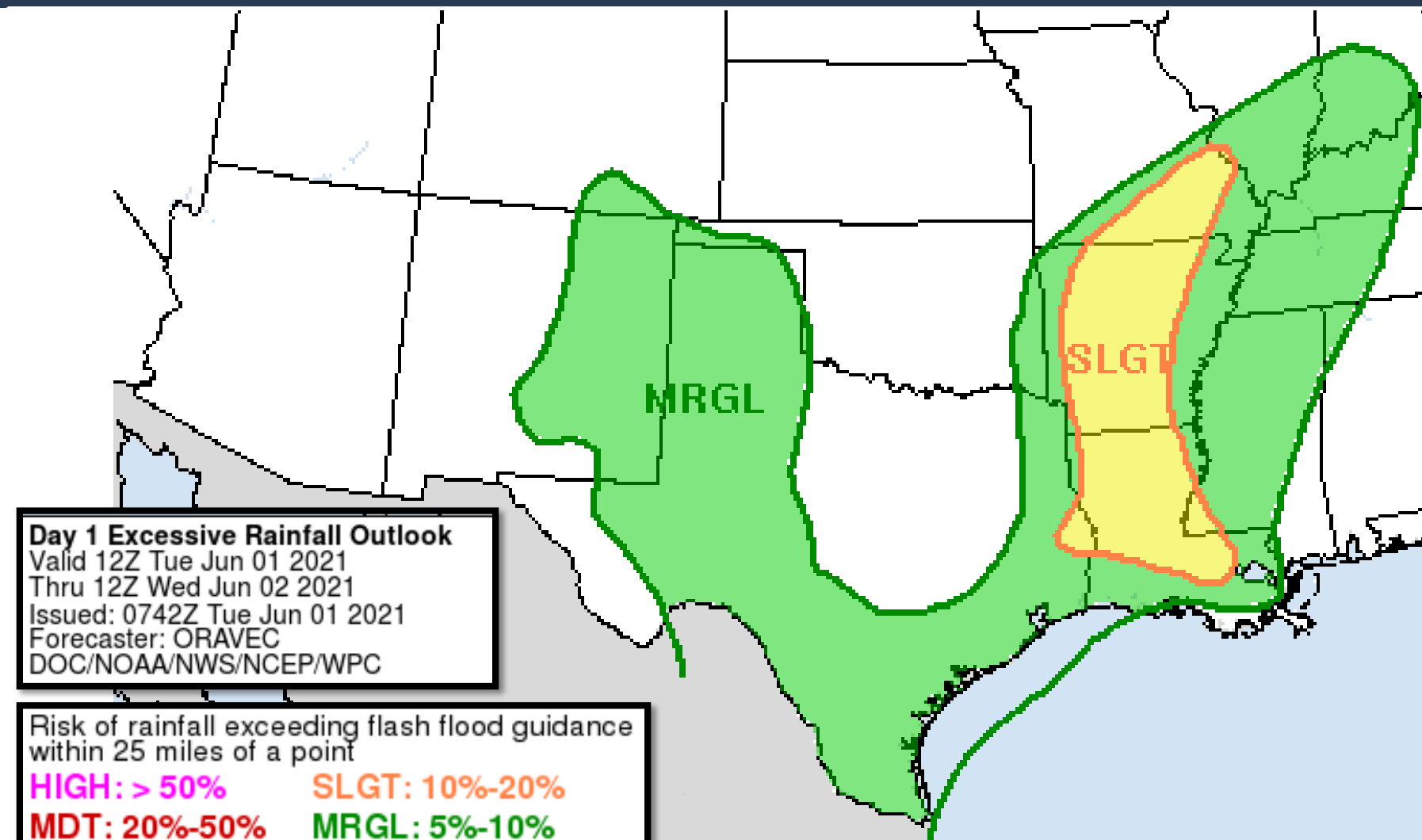
**Isolated heavy rain/flash
flooding possible across E NM,
TX, and E OK.**

**Isolated severe storms with
damaging winds and hail
possible across the Region.**

Severe Weather Outlook



Excessive Rainfall Outlook

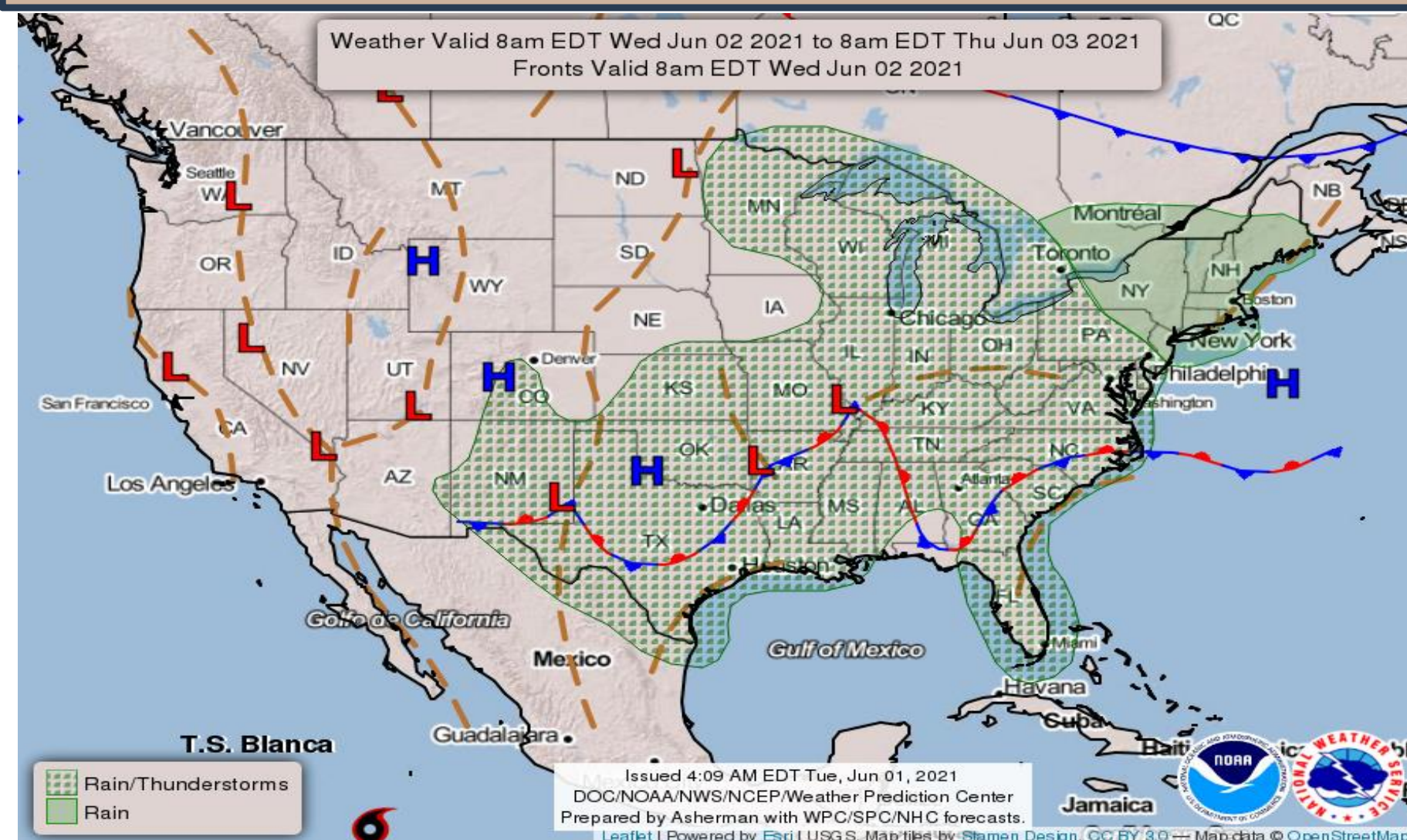


Tomorrow's Weather

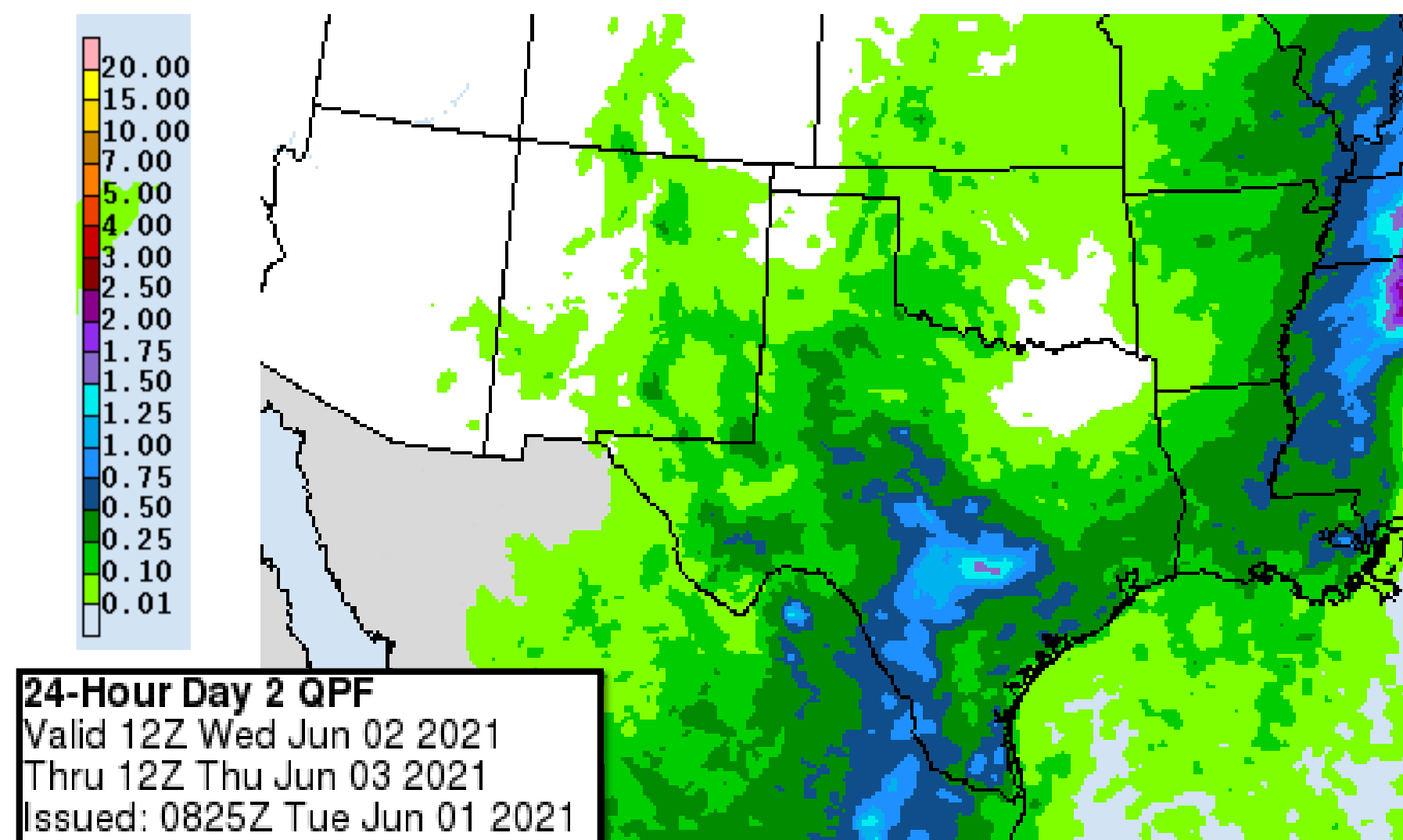


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



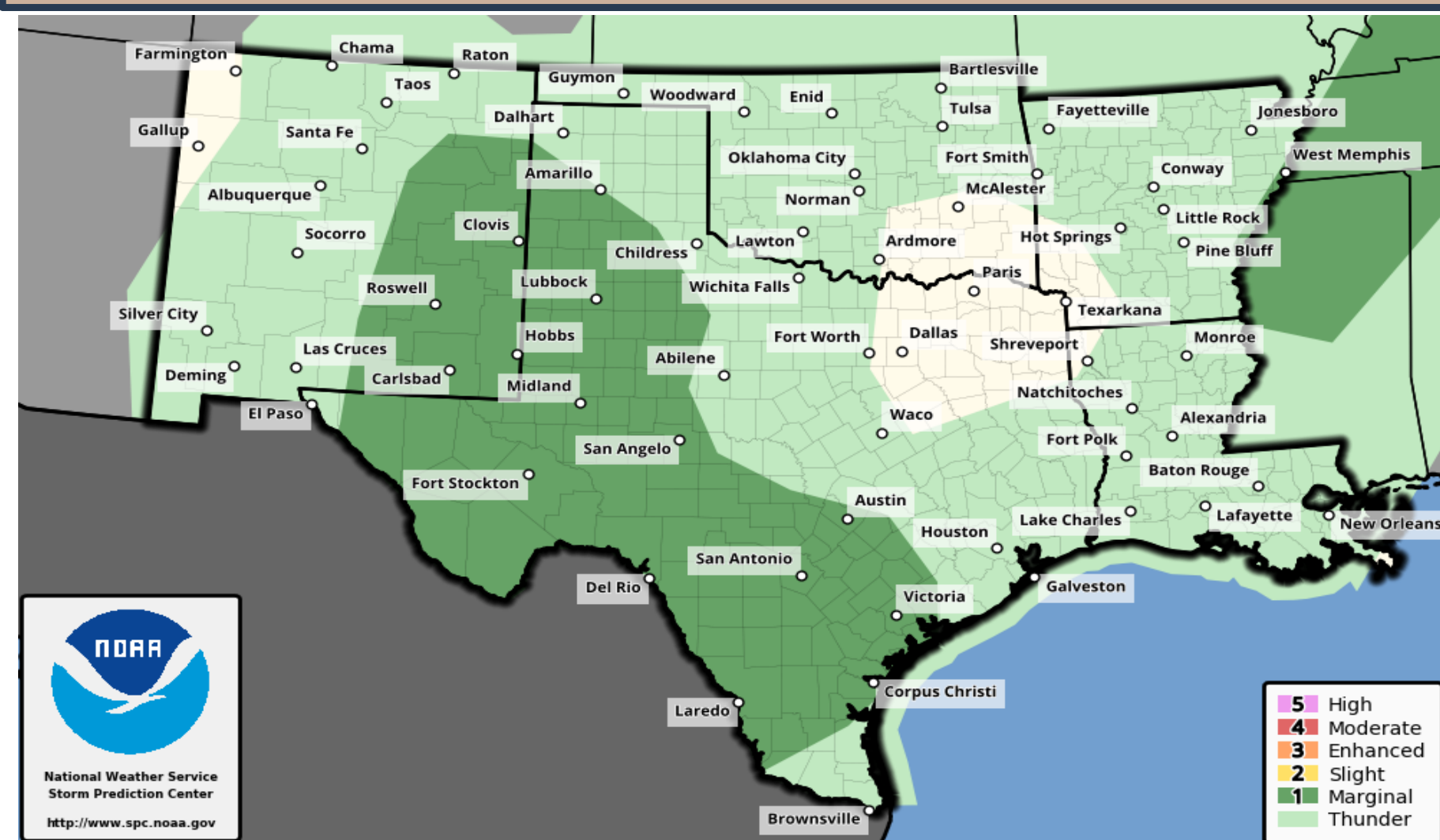
Forecast Rainfall



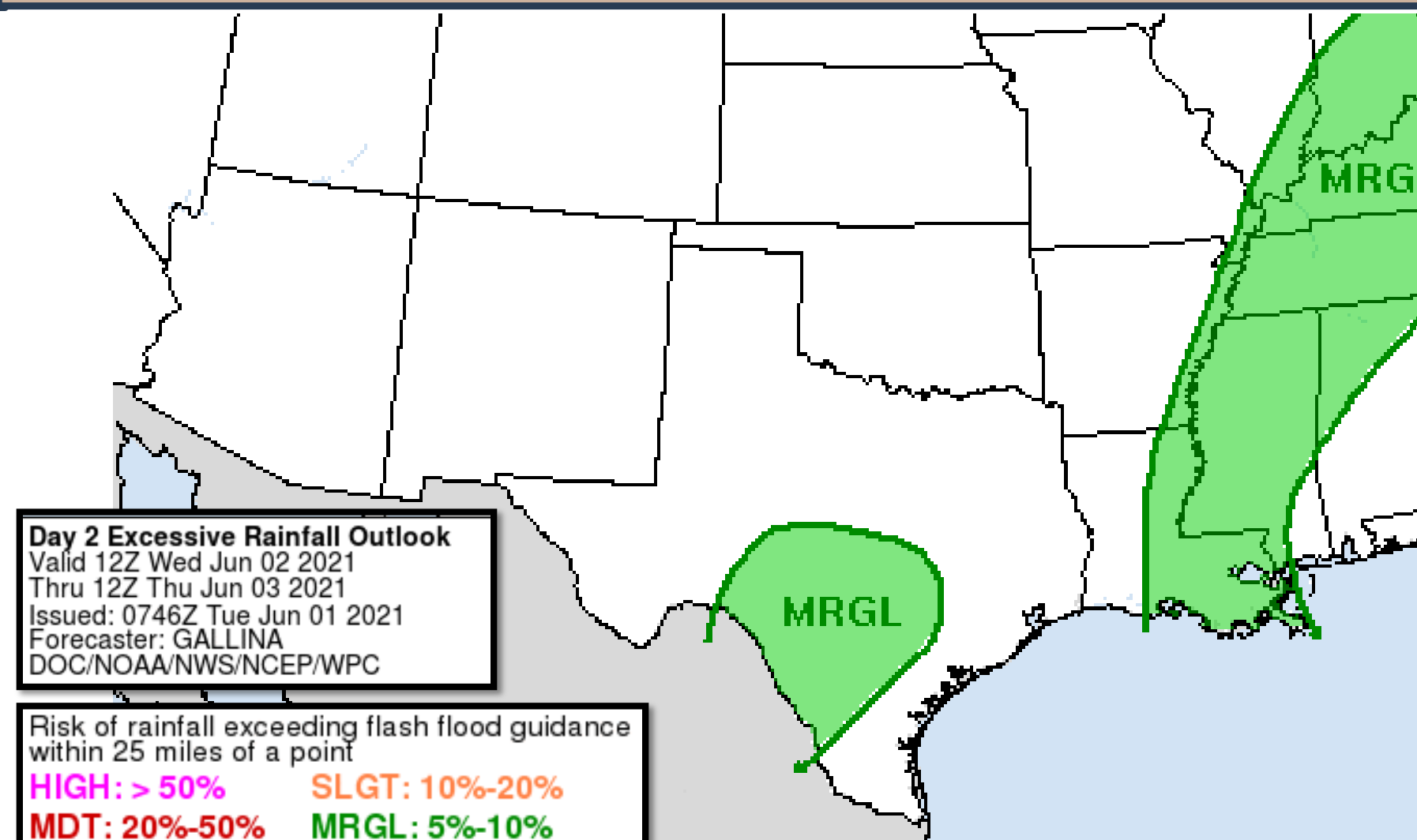
Isolated severe storms with damaging winds and hail possible for E NM into W&STX.

Isolated heavy rainfall and flash flooding possible across E AR, E LA, and SW TX.

Severe Weather Outlook



Excessive Rainfall Outlook

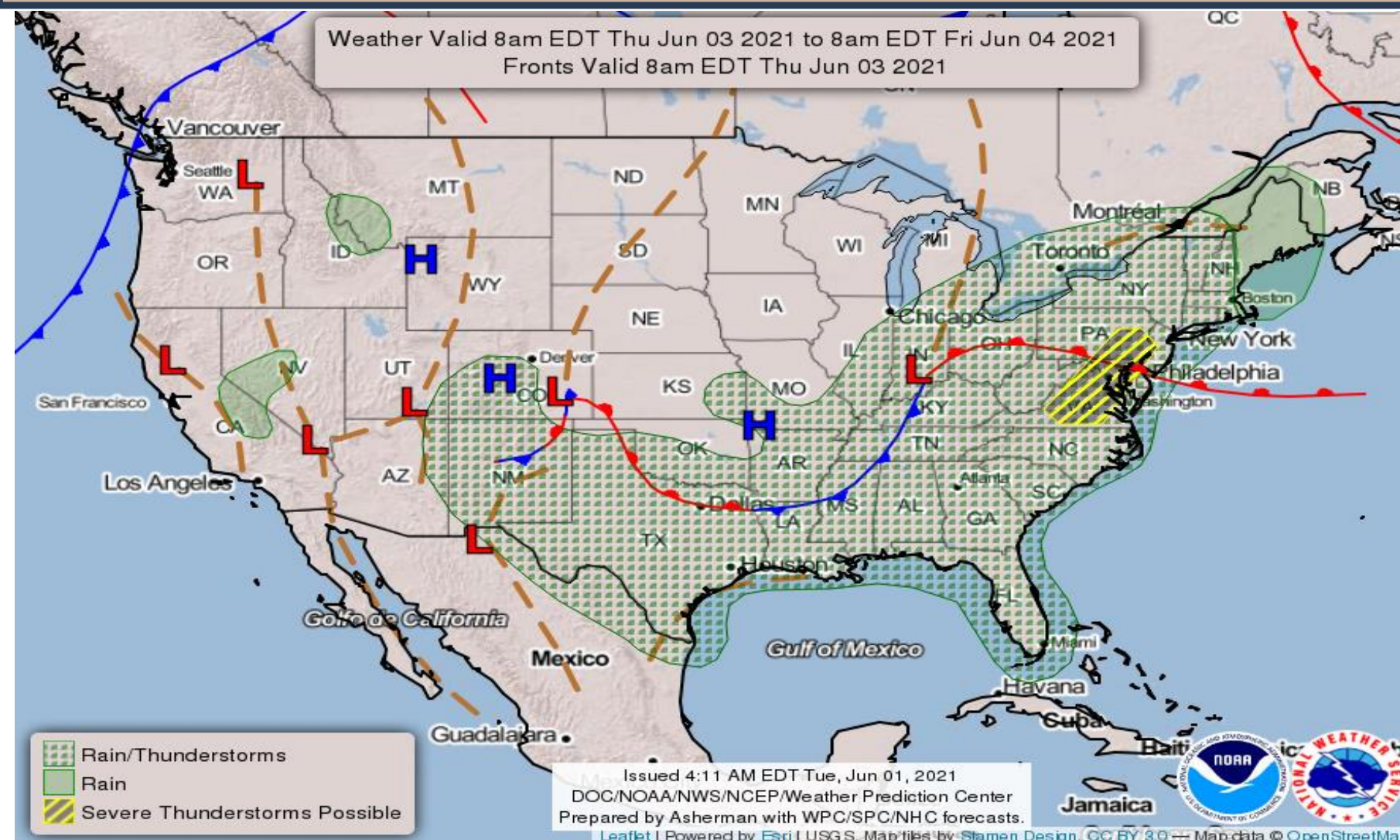


Thursday's Weather

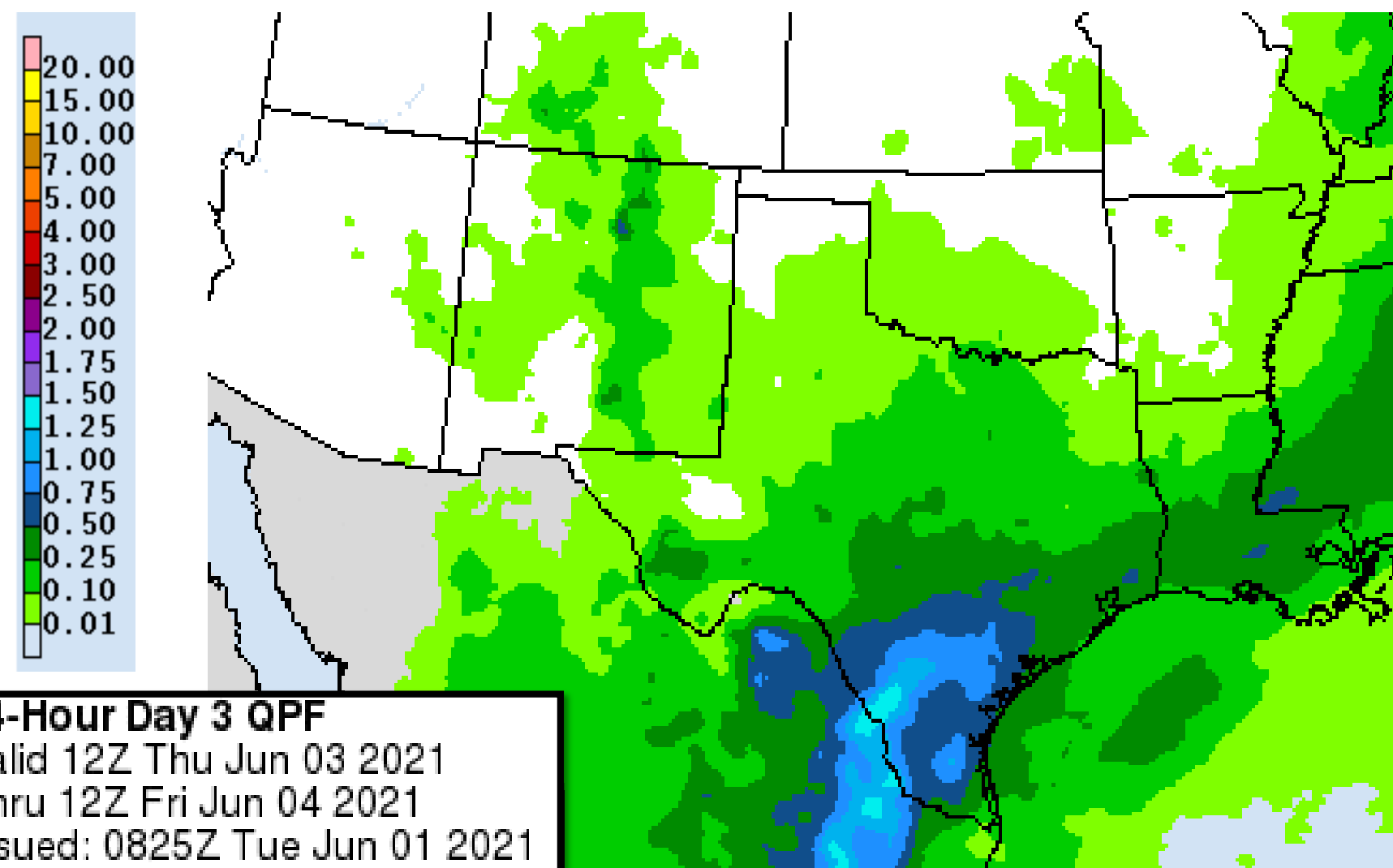


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

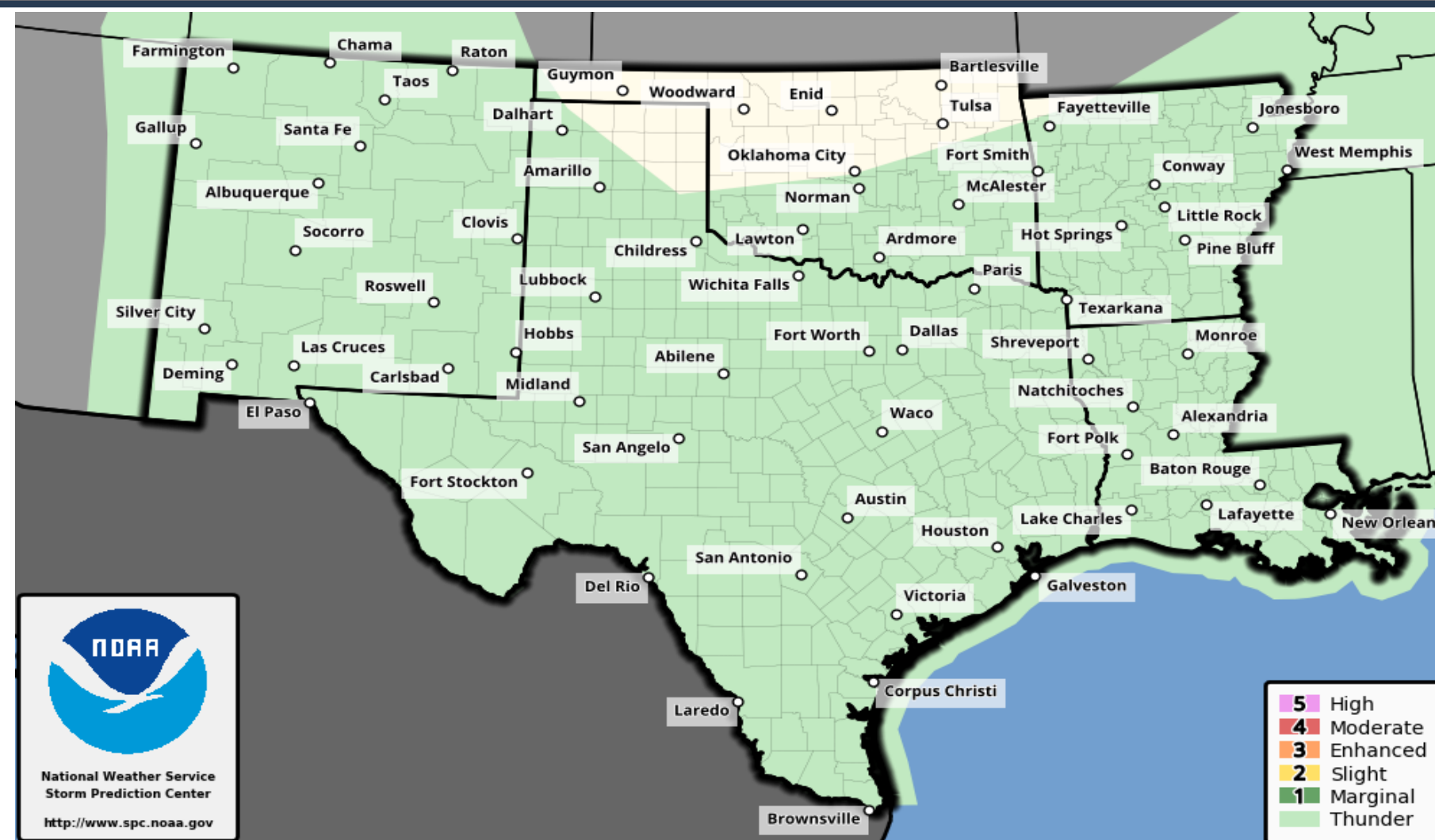


Forecast Rainfall

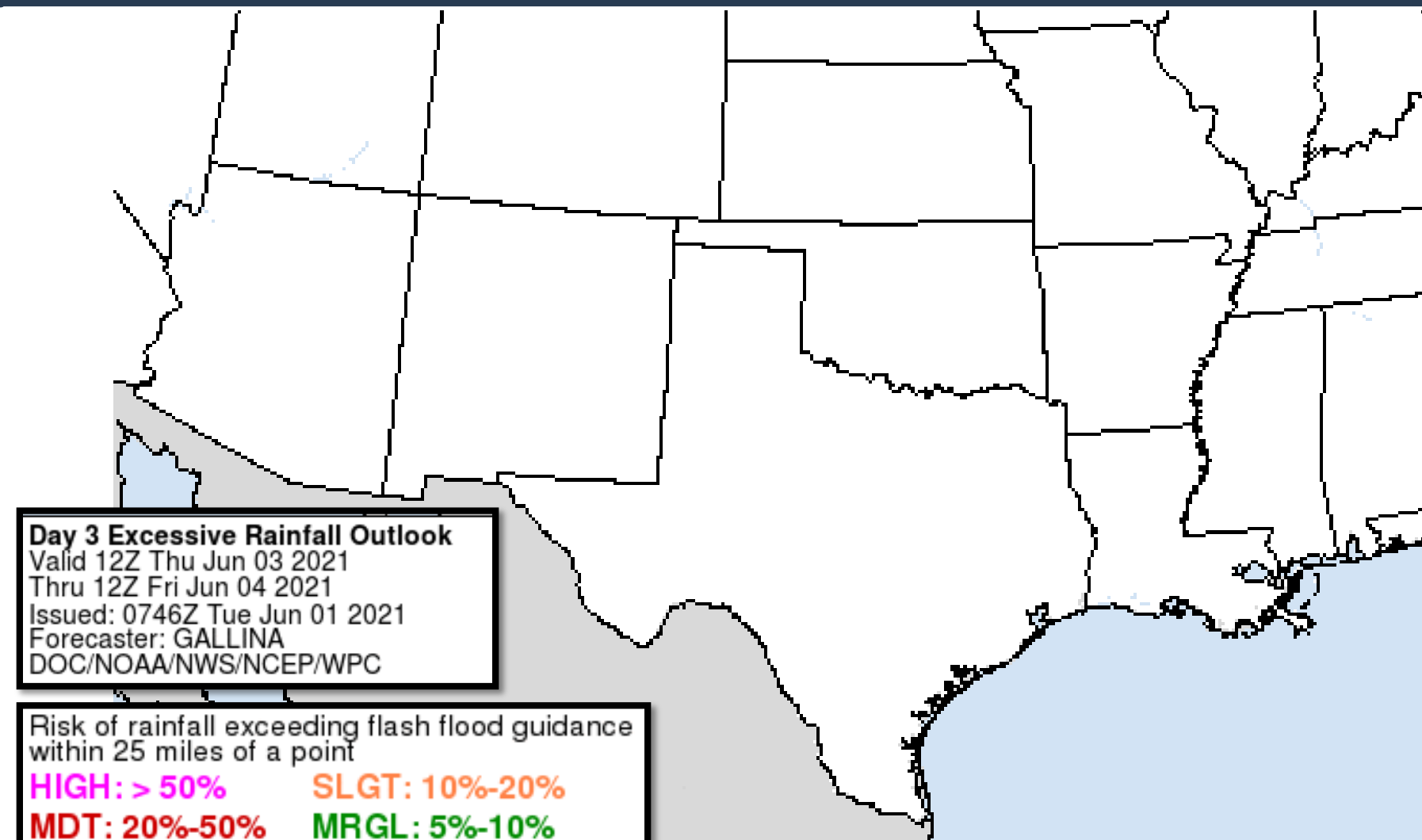


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook



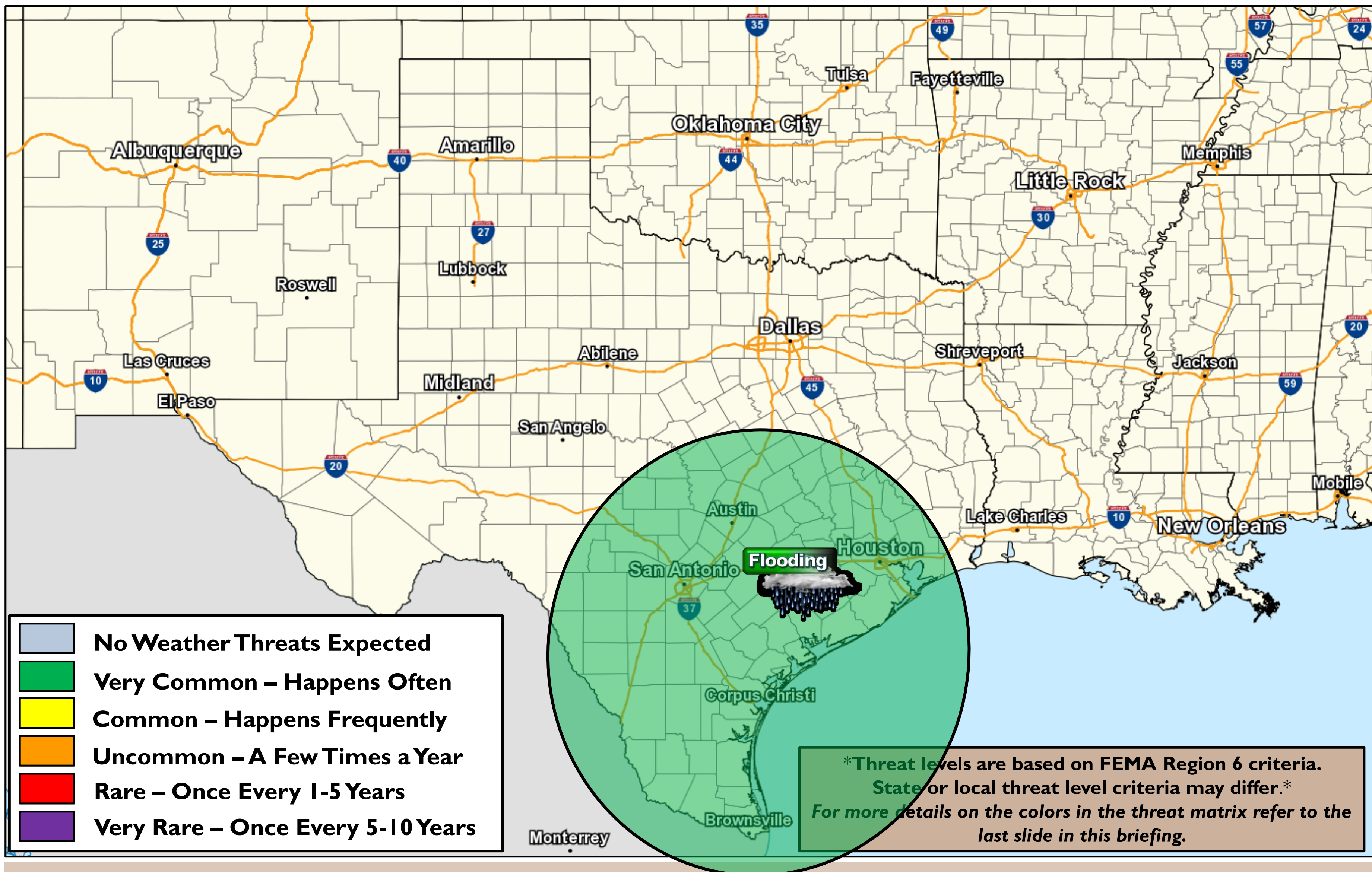
Days 4-5 Weather Hazards

Friday - Saturday



SR ROC
REGIONAL OPERATIONS CENTER

Heavy rain/flash flood potential for South into S-Central TX on Friday expanding into SE TX by Saturday.

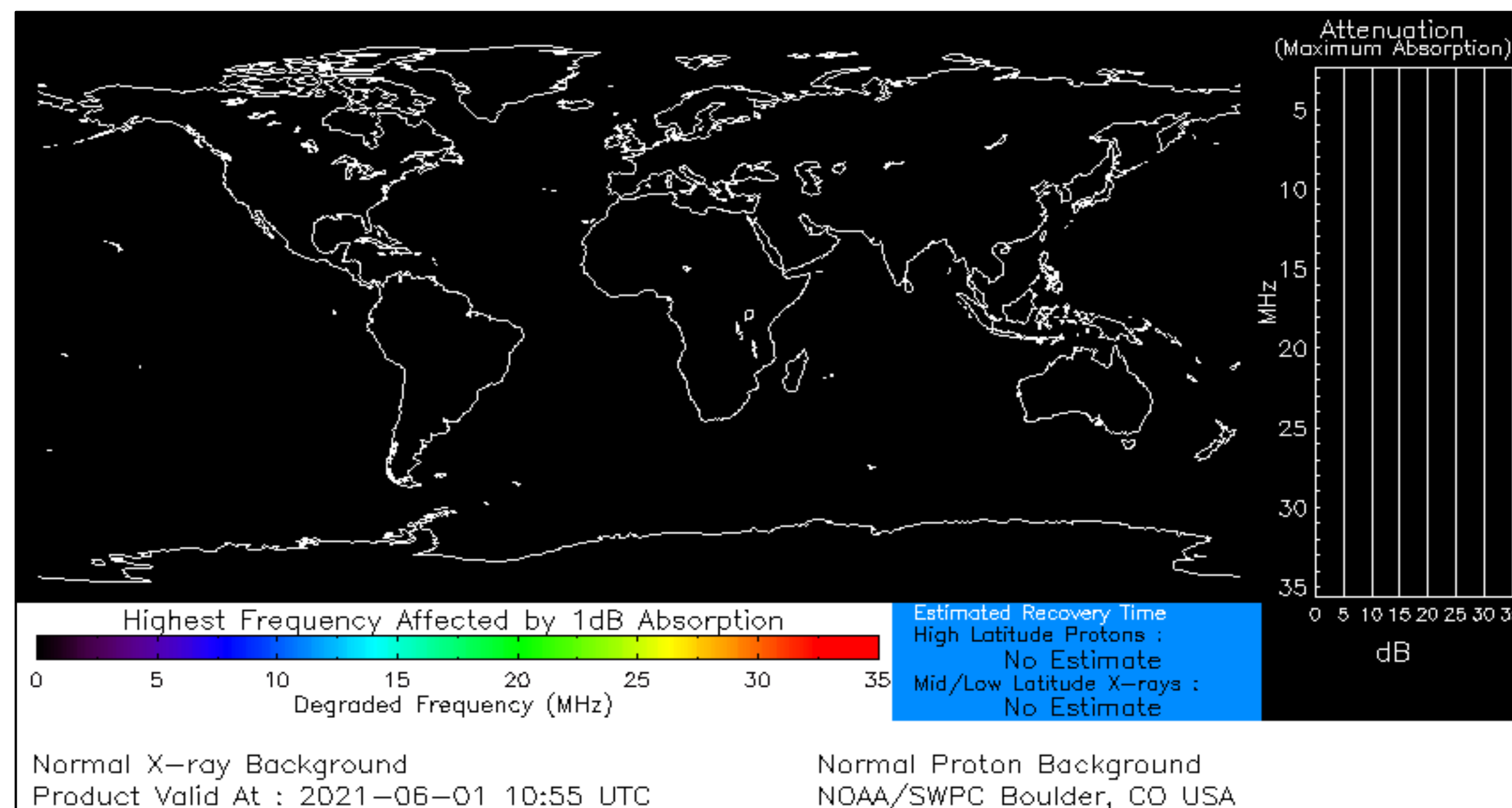


Space Weather 3-Day Forecast



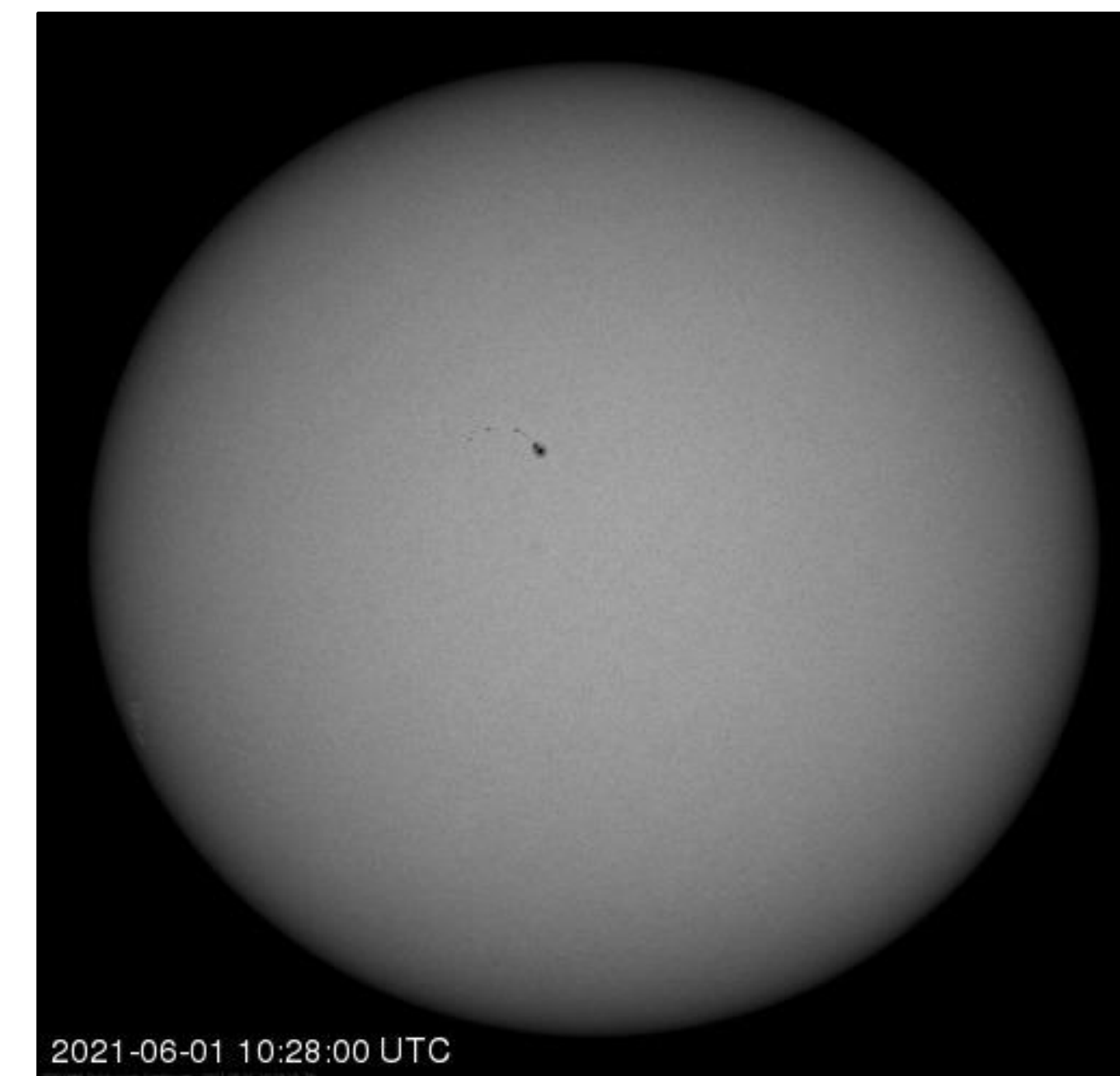
SR ROC
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov